

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions of claims in the application.

1. (Currently amended) A method comprising:

determining, in a device management server, the contents of sub-objects in a new management object associated with a management tree, said management tree being maintained by the device management server;

determining, in the device management server, at least one data element comprising priority data of at least one sub-object in relation to other sub-objects, of the new management object;

attaching, in the device management server, said at least one data element to the management tree maintained by the management server; and

sending, by the device management server, a document according to the management tree to a management customer device.

2. (Previously presented) A method as claimed in claim 1, wherein said management object comprises provisioning settings of a WAP protocol for a Bootstrap process.

3. (Previously presented) A method as claimed in claim 1, wherein

said determining the at least one data element, comprising the priority data of at least one sub-object in relation to other sub-objects, comprises determining the at least one data element as at least one separate leaf sub-object in the management object; and

said attaching comprises attaching the determined at least one leaf sub-object, determining said priority data, to the management tree in parallel with one or more management sub-objects, whose priority is determined by the attached at least one leaf sub-object.

4. (Previously presented) A method as claimed in claim 1, wherein

said determining the at least one data element, comprising the priority data of at least one sub-object in relation to other sub-objects, comprises determining the at least one data element as a run-time property definition, and

said attaching comprises attaching said run-time property definitions determining said priority data to meta data of the management tree maintained by the management server.

5. (Currently amended) A device management system comprising: a device management server, and

a management customer device,

wherein the management server and the management customer device are ~~arranged~~configured to maintain management object data in a management tree for managing configuration of the management customer device, and to determine the contents of a new management object; and

the management server is further ~~arranged~~configured to determine priority of at least one sub object, belonging to the management object, in relation to other sub objects;

determine at least one data element comprising the priority data of at least one sub object in relation to other sub objects, wherein the data element is a management object;

attach said at least one data element to the management tree maintained by the management server; and to

send a document according to the management tree to the management customer device, and

the management customer device is ~~arranged~~configured to deassemble said document into management tree form so that said priority data shows the priority data of at least one sub object in relation to other sub objects and is further ~~arranged~~configured to update or form the management tree in accordance with the data element comprising said priority data, wherein content of the document is stored in the management customer device in accordance with the management tree.

6. (Currently amended) A management system as claimed in claim 5, wherein the management server is ~~arranged~~configured to

determine the data element comprising the priority data of at least one sub object in relation to other sub objects, as separate leaf objects; and

attach the leaf objects determining said priority data to the management tree maintained by the management server so that they are placed in parallel with the management/sub object, whose priority they determine.

7. (Currently amended) A management system as claimed in claim 5, wherein the management server is ~~arranged~~configured to

determine the data element comprising the priority data of at least one sub object in relation to other sub objects, as a run-time property definition; and to

attach said run-time property definitions determining said priority data to the meta data of the management tree maintained by the management server.

8. (Previously presented) An apparatus comprising:

a memory configured to store computer code and to maintain a management tree for managing configuration of a customer device; and

a processor, the memory and the computer code, working with the processor, being configured to cause the apparatus to perform at least the following:

determine the contents of sub-objects in a new management object associated with the management tree;

determine at least one data element comprising priority data of at least one sub-object in relation to other sub-objects, of the new management object;

attach said at least one data element to the management tree maintained by the management server; and

send a document according to said management tree to at least one customer device.

9. (Previously presented) An apparatus as claimed in claim 8, wherein the apparatus supports syncML device management and wherein the management object comprises provisioning settings of a WAP protocol for a Bootstrap process.

10. (Previously presented) An apparatus comprising:

- a memory configured to store computer code and to maintain a management tree for managing configuration of the apparatus; and

- a processor, the memory and the computer code, working with the processor, being configured to cause the apparatus to perform at least the following:

- receive a document comprising device management operations from a management server, and

- deassemble the document received from the management server into management tree form, on the basis of at least one data element comprising priority data of at least one sub-object in relation to other sub-objects, so that said priority data shows the priority data of at least one sub-object in relation to other sub-objects, and update or form the management tree in accordance with the data element comprising said priority data, wherein content of the document is stored in the apparatus in accordance with the management tree.

11. (Previously presented) An apparatus as claimed in claim 10, wherein the apparatus supports SyncML Device Management and wherein the management object comprises provisioning settings of a WAP protocol for a Bootstrap process.

12. (Currently amended) A computer-readable ~~storage medium~~memory, wherein the computer-readable ~~medium~~memory comprises computer-executable instructions stored thereon for enabling a data processing device to

- maintain a management tree for managing configuration of the data processing device,
- determine contents of sub-objects in a new management object associated with the management tree,

- determine at least one data element comprising priority data of at least one sub-object in relation to other sub-objects, of the new management object,

- attach said at least one data element to the management tree maintained by the data processing device, and

- send a document according to the management tree to a management customer device.

13. (Currently amended) A computer-readable ~~storage medium~~memory as claimed in claim 12, comprising computer-executable instructions stored thereon for enabling the data processing device to determine the at least one data element by means of at least one separate leaf sub-object; and

attach the leaf sub-object determining said priority data to the management tree so that the at least one leaf sub-object is placed in parallel with the management sub-objects, whose priority the leaf sub-object determines.

14. (Previously presented) An apparatus as claimed in claim 8, wherein the memory and the computer code, working with the processor, are further configured to cause the apparatus to determine the at least one data element as at least one separate leaf sub-object, and attach the leaf sub-object determining said priority data to the management tree so that the at least one leaf sub-object is placed in parallel with the management sub-objects, whose priority the leaf sub-object determines.

15. (Previously presented) An apparatus as claimed in claim 8, wherein the memory and the computer code, working with the processor, are further configured to cause the apparatus to determine the data element as at least one run-time property definition, and attach said run-time property definition, determining said priority data, to meta data of the management tree.

16. (Previously presented) An apparatus as claimed in claim 10, wherein the apparatus is configured to operate as a management customer device in a device management system.

17. (Currently amended) A method comprising:

receiving, in a terminal, a document including device management operations from at least one management server;

deassembling, in the terminal, the document into management tree form, on the basis of at least one data element comprising priority data of at least one sub-object, wherein the data element is a management object and belongs to a new management object, in relation to other

sub-objects, so that said priority data shows the priority data of at least one sub-object in relation to other sub-objects; and

updating or forming, by the terminal, the management tree in accordance with the data element comprising said priority data, wherein content of the document is stored in accordance with the management tree in the terminal.

18. (Previously presented) A method as claimed in claim 17, wherein the management object comprises provisioning settings of a WAP protocol for a Bootstrap process.

19. (Currently amended) A computer-readable ~~storage medium~~ memory, wherein the computer-readable ~~medium~~ memory comprises computer-executable instructions stored thereon for enabling a device to

receive a document including device management operations from at least one management server;

deassemble the document into management tree form, on the basis of at least one data element comprising priority data of at least one sub-object, wherein the data element is a management object and belongs to a new management object, in relation to other sub-objects, so that said priority data shows the priority data of at least one sub-object in relation to other sub-objects; and

update or form the management tree in accordance with the data element comprising said priority data, wherein content of the document is stored in the apparatus in accordance with the management tree.